

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 3/19/2012 Page 1 of 1

TO: Tony Anziano, Program Manager /			FILE: E.A. 04 - 0120F4	
FROM: Kannu Balan, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
CCO#: 196 SUPPLEMENT#: 1 Category Code: CHPT			FED. NO.	
COST: \$70,000.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			CONTINGENCY BALANCE (incl. this change) \$118,923,928.58	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Repair Tower Head Welds at Parapet Walls			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE				
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 3

THIS CHANGE ORDER PROVIDES FOR:

As directed by the Engineer, repairing welds and correcting flatness on the Tower Head at locations where the parapet walls were installed. Also, applying finish paint to the exposed interior surfaces of the elevator hoistway through the facades in Lift 4 of the Tower.

CCO 196 S0 added parapet walls to the top of the SAS Tower. This supplement will repair weld anomalies on the Tower Head partial joint penetration (PJP) welds that were partially removed to accommodate the construction of the parapet walls. The details for the parapet walls include the removal of the top plate extension such that it is flush with the tower head skin plates. Because this plate was attached using PJP welds with a reinforcing fillet, the final non-destructive testing (NDT) of the welds as required by the Contract (Special Provisions Section 8-3 "Welding") was magnetic particle testing (MT). MT shows only near surface indications in the welds. Since CCO 196 S0 required the removal of the surface of the welds, this removal has exposed some indications that would not have been evident in the Contract required MT inspections. These indications require repair. Also included in this change is the finish coat painting of the interior surface of the curved façade plates around the elevator trackway.

This work will be paid as extra work at force account and the Department estimates it to total \$70,000.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 196S0 and CCO 196S1 is \$584,117.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from Rick Morrow (Supervising BE), Rich Foley (HQ Oversight), Ken Terpstra (Proj. Manager), Wenyi Long (Bridge Design), Lina Ellis (Maintenance), Clive Endress (Architect) May 11, 2011, and Jing Chen (District Design) May 11, 2011.

CONCURRED BY:			ESTIMATE OF COST	
Construction Engineer:	Rick Morrow, Sup BE	Date	5/11/11	
Bridge Engineer:	CT Oversight, Wenyi Long, P.E.	Date	5/11/11	
Project Engineer:	District Design, Jing Chen	Date	5/11/11	
Project Manager:	Proj Manager, Ken Terpstra	Date	5/12/11	
FHWA Rep.:		Date		
Environmental:		Date		
Other (specify):	HQ, Rich Foley	Date	5/11/11	
Other (specify):	Struct. Maint, Lina Ellis	Date	5/11/11	
District Prior Approval By:		Date		
HQ (Issue Approve) By:		Date		
Resident Engineer's Signature:		Date		
				THIS REQUEST
				TOTAL TO DATE
ITEMS				\$0.00
FORCE ACCOUNT				\$70,000.00
AGREED PRICE				\$0.00
ADJUSTMENT				\$0.00
TOTAL				\$70,000.00
FEDERAL PARTICIPATION				
<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE				
<input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING				
FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)				
<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS				
FEDERAL FUNDING SOURCE				PERCENT